Volume 14 Number 2 April 1998

The Submarine On Board Training Newsletter

State of the art computer based training!

Admiral's Corner

This month the Submarine On Board Training program marks a major milestone in submarine training. The final modules of the 688-class submarine qualification courseware have been delivered to the fleet. This comprehensive, state-of-the-art computer-based training software provides forty-five standardized modules covering the basic system level knowledge required for Phase IV Enlisted Submarine Qualification. This one hundred hours of instruction is an important tool augmenting your qualification program.

The SOBT office is also hard at work developing computer-based courseware for watchstation qualification. The first course in this series, Lookout Qualification, was enthusiastically received in the fleet last year. Over the coming months we expect to deliver courseware to support qualification as Helm/Planesman, Chief of the Watch, Diving Officer, and Contact Coordinator. The remaining forward watchstations will be developed in the near future as well as enhancements to the existing software.

The SOBT staff relied heavily on fleet inputs to develop this courseware. I encourage all of you explore the courseware when it arrives on your ship and send the SOBT staff your ideas for improvement.

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M. I. Fages

Suggested Distribution of Copies
CO, XO, and COB (1 copy) - SOBT Products Manager (1 copy)
This distribution of SOBT Training Trends will ensure that everyone will be aware of new SOBT products available for training needs. After routing, file one copy in each SOBT Products Catalog for future reference.
Distribution Statement C: Distribution authorized to U.S. Government agencies and their contractors (operational use - April 98). Other requests for this document shall be referred to
Commander Submarine Group TWO.

Theme

SOBT Product "Ease of Use"

As many of you already know the SOBT office is distributing SSN 688 Class qualification software in the form of 45 modules on CD-ROM. We distributed the first thirteen modules with "lockstep" feature, which forced each person using the software to complete the lessons in order. Subsequent fleet feedback has caused us to create the remaining modules without the "lockstep" feature. The first thirteen modules will be revised and distributed in the summer of 1998.

Some of the current initiatives here at SOBT are:

1. Windows 95 does not make a distinction between conventional memory, upper memory, and expanded/extended memory. Unfortunately, DOS applications do. The end result is many of the older SOBT DOS-based products will not run in Windows 95, and give inconsistent error messages (when the real problem is not enough conventional memory). The SOBT office is distributing Floppy Disks to warm boot your computers and increase the amount of conventional memory available to applications. These will allow the continued use of SOBT products that were developed to work in a DOS environment until these products have been updated or deleted from the SOBT program. The October 97 newsletter addressed this problem for the ADCAP Post Launch Trainer, in particular, with a set of steps to configure computers on board in the interim.

2. Installing Windows 95 onto all CF 41 computers in the fleet by May 98. Including upgrading of RAM to 32 MB. A SOBT representative will be briefing each Squadron SOBT representative on the installation of the new hardware and software. This should make it easier for each submarine to handle its own installation.

3. There is a new SOBT Product Summary form that will be sent with all new SOBT products. This should allow for each ship to complete a more comprehensive review of new products. We modeled our form on the input from USS Jefferson City. Thanks Jefferson City!

We have found that certain products give error file messages when attempting to load or run. Here are some tips to help run these products better:

1. When using Windows 95 you must exit all tasks including the MS Office task bar. Other tasks interfere when executing multimedia products.
2. Run the product again after closing all tasks.
3. Reinstall product as necessary.
4. Reboot your computer as necessary.

Keep those Feedbacks coming. We are always happy to here from the fleet and support activities. Remember we are here to serve you with the best training products for submarine force readiness.

Submarine Training Master Planning System

The Submarine Training Master Planning System (STMPS) provides a comprehensive decision support system for Manpower, Personnel and Training (MPT) managers at all echelons. STMPS integrates MPT information from existing systems, and projects training throughput and related resource requirements (instructors, labs, classrooms) for 20 years. It also provides personnel training histories and unit training requirements/status. Operated by the end user, STMPS provides both standard and ad hoc reports tailored to specific user requirements.

Using the latest technology in data warehousing, the new version of STMPS is used in a server/remote ("thin") client environment. A software product called Citrix(WinFrame allows a "thin" client to interface with an NT server in a multi-user environment. The connection to the server (located at NUWC Newport) can be either through the Internet or a modem. Users run the actual STMPS III software on the WinFrame host (NT server). The signals passed from the NT server to the client are simply the commands to draw the screen in response to action at the host server. The WinFrame software also allows access to local drives, printers, and applications while connected to the host server. This new version of STMPS is available at all submarine training activities and the TYCOM headquarters.

The minimum computer system requirements for running STMPS/ WinFrame are:

CPU: 386 or greater

OS: Windows 3.1x, 95, NT

RAM: 8MB for Win3.1x/95; 16 MB for WinNT

Video Resolution: 800x600 (256 colors is preferred but not req'd)

Hard Drive space: Approx. 2 MB for Win3.1x; 2.5 MB for Win95/NT

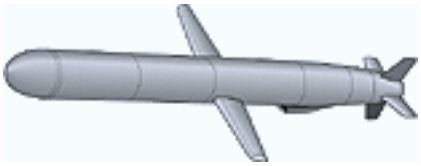
On a monthly basis, the STMPS Management Office (SMO) generates and distributes five MPT related reports from the STMPS Personnel Subsystem (PERS S/S) database to all submarine crews. This database is populated as follows: Type Commander training requirements from COMSUBLANT/ COMSUBPAC NOTICE 1500; course data from FY-84 from the Navy Integrated Training Resources Administration System (NITRAS); and, personnel data such as current duty station, skills and projected rotation dates from the Officer Personnel Information System (OPINS) and the Navy Enlisted System (NES). PERS S/S data is updated monthly. Additionally, a special Training Requirements Summary report listing the 1500 Notice training requirements status for the boats in each squadron is provided on a monthly basis to each squadron, group, and applicable TYCOM and training activity.

The next phase of STMPS implementation is underway. Currently STMPS/WinFrame software has been installed on laptops that are being delivered to all SUBPAC submarines. The STMPS/WinFrame software will be delivered on disk with instructions to all SUBLANT submarines with the May 1998 STMPS PERS S/S reports. This software will allow the submarines to have dial-up access to the STMPS server at NUWC Newport. The SMO is also working to install STMPS at the submarine group and squadron headquarters. The STMPS Project Manager is Ms. Martha Maddux (CNET Code ETE35); DSN 922-8964, commercial (850)452-8964.

STMPS III represents the latest and most advanced Decision Support System available to training managers and activities. Using the latest technology in data warehousing software, STMPS III has incorporated many advanced features to enhance your ability to rapidly and easily access training information critical to making training management decisions in this era of dwindling training resources.

Current plans are for STMPS III to be used in a server/remote ("thin") client environment. A software product called WinFrame allows a "thin" client to interface with an NT server in a multi-user environment. The connection to the server (located at NUWC Newport) can be either through the Internet or a modem. Users run the actual STMPS III software on the WinFrame host (NT server). The signals passed from the NT server to the client are simply the commands to draw the screen in response to action at the host server. The "thin" client system can be a 486 (perhaps even a 386) microcomputer running either Windows 3.11, 95 or NT. The WinFrame software also allows access to local drives, printers, and applications while connected to the host server.

Combat Systems



Submarine Pressurization/Vent Control (PVC) System Description, Operation, and Maintenance (Torpedo Tube Launch (TTL)) Video (SVT-W-9774) (806357)

Final production and development of this new video is currently in progress and should be close to completion by the time you read this article. Distribution is scheduled for late this summer. This video is an update to a previous SOBT video entitled "Tomahawk Torpedo Tube Launch (TTL) Pressurization/Vent Control (PVC) Systems Operations" (SVT-W-9606). The need to update the previous video was as a direct result of feedback from the fleet pointing out several changes that have taken place since the release of the video. The purpose of this newer training video is to provide initial, refresher, and advanced training for weapons department personnel, officers, and technicians involved in the proper operation and maintenance of the submarine Tomahawk Torpedo Tube Launch (TTL) Pressurization/ Vent Control (PVC) System.

This 18 minute video is designed to present the viewer with the purpose, major components, system initialization, as well as normal and casualty operations of the TTL PVC System onboard today's SSN submarines when launching a Tomahawk Cruise Missile from a torpedo tube. Specific topics are presented as follows:

a. Introduction
b. Description and Purpose of the TTL PVC System
c. Major Components
d. Initialization and Normal Operations
e. Casualty Modes of Operations

This TTL PVC video applies to all SSN submarines, submarine groups and squadrons, and submarine training commands. In addition, this video may prove useful for those FT's and TM's preparing for in-rate advancement examinations.

Once again, thanks to your feedback, this updated video, as well as other SOBT Training Products, receive constant scrutiny to ensure that we provide the fleet with the best training products possible.

Your point of contact for Tomahawk Cruise Missile training is Mr. Roy Piper.

Submarine Vertical Launch System (VLS) Tube Close-Out Procedures Video (SVT-W-9770) (806358)

We have recently completed our review of the draft version of a much-needed, much requested video entitled "Submarine Vertical Launch System (VLS) Tube Close-Out Procedures (SVT-W-9770). As with the TTL PVC video discussed earlier, the development and production of this video is a direct result of feedback from the fleet requesting production of a video covering VLS tube close-out procedures. The purpose of this new training video is to provide initial, refresher, and advanced training for weapons department personnel, officers, and technicians involved in performing the VLS tube close-out procedures onboard an SSN submarine.

This 25 minute video is designed to present the viewer with a description of the proper procedures required to perform VLS tube close-outs. Specific learning objectives of this video are as follows:

a. Introduction
b. Procedures for performing VLS Missile Tube Close-Out
c. Procedures for performing the O-ring Leak Test
d. Procedures for shutting the VLS Missile Tube Muzzle Hatch

This VLS Tube Close-Out video applies to all VLS equipped SSN submarines, submarine groups and squadrons, and submarine training commands. In addition, this video may prove useful for those FT's and TM/MM's preparing for in-rate advancement examinations. Watch for this video to be distributed this summer.

Once again, thanks to your feedback, the development of this video, as well as other SOBT Training Products, is made possible. We invite, and encourage, your comments and feedback to ensure that we are able to continue to provide our submarines with the best training products possible.

Your point of contact for Tomahawk Cruise Missile training is Mr. Roy Piper.

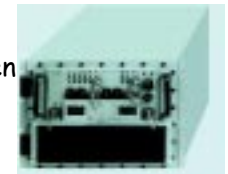
COMMUNICATIONS/ NSSN

HELP!! HELP!! We need fleet inputs to identify training topics for your on board training in Communications. These topics can include training requirements, areas where training is needed, or topics of interest. If you could take a few moments from your very busy schedule to fill out a SOBT Feedback Report or give me a call at the SOBT office, it would help to formulate a list of training requirements for future development. This same request was made in the last newsletter, and to date we have not received any fleet responses. The only ideas we have for future development in the Communications area include BGIXS II, JDISS and JTIDS operations. Other possibilities include training on future equipment installations including Battle Force Email and MCIXS. Your thoughts and ideas would be greatly appreciated.

Navy Satellite Communications Video (804908)
This video was deleted in May 1997. It presented outdated information and no longer contained enough training value to warrant its retention. Development of a replacement video (Submarine Satellite Communications Overview) was started in July 97. This video will provide information on Submarine UHF/EHF equipment, basic satellite information (footprints, orbit, etc.), circuits and their differences, and basic operations. This video will assist in onboard indoctrination and refresher training.

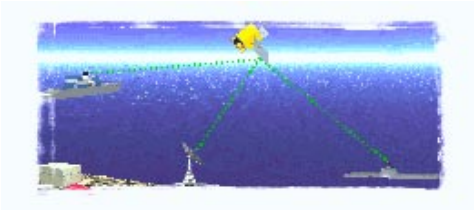
Navy Electricity and Electronics Training Series (NEETS) (CBI-GT-9719)
NEETS was a subject of discussion in the last few newsletters and I still get numerous calls concerning distribution. This EWOBT course conversion, designed to run on the SOBT Panasonic CF-41 was distributed in March 1998. You have already received or will soon receive this course which currently will only run in Windows 3.11 or DOS. Please give it a good review and provide your feedback to me at the SOBT office. We will have this course converted to run in the Windows 95 and NT environments in FY 99.

AN/USC-42(V)1 Miniaturized Demand Assigned Multiple Access (Mini-DAMA) Communications Set (CBT) This course was scheduled for completion in May 1997. It was distributed by NISE East in June 97, but has not been officially promulgated by SOBT. We have performed a final review of the course material, and revision of the courseware is expected soon. We do not expect formal distribution until summer 1998. Submarine distribution of this course is limited to USS Scranton (SSN 756), USS SEAWOLF (SSN 21) and PCU Connecticut (SSN 22). Courseware for the AN/USC-42(V)2, which will be installed on all other submarines, is undergoing final revision and should be available this summer.



Over-The-Air Transfer (OTAT)/ Over-The-Air-Rekey (OTAR) Procedures Video (SVT-C-9764)
This video will introduce the equipment associated with OTAT/ OTAR, and provide step-by-step procedures for conducting OTAT/ OTAR. The OTAT/OTAR training video, in the final stages of development, should be distributed within the next 30 days.

Submarine Voice Communications Video (SVT-C-9775)
This video is an update to the Submarine Voice Communications (SVT-C-9480) which contained some minor errors. This video provides



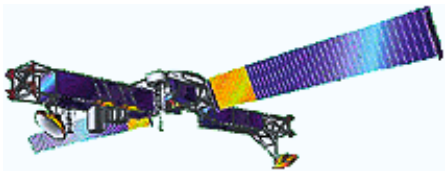
voice communications procedures the submarine uses during task group operation, operations with aircraft and communications via a satellite. This video provides information

concerning call up, relay, authentication, and EEFI procedures. The Submarine Voice Communications training video, in the final stages of development, should be distributed within the next 30 days.

AN/UYK-43 Diagnostics Procedures Video (SVT-DS-9778)
The AN/UYK-43 Diagnostics Procedures Video is a 30 minute video providing refresher training on software diagnostics, diagnostic routines, and failure isolation. This video, in the final stages of development, should be distributed within the next 30 days.

Other Communications related SOBT Interactive Courseware currently under development include:

SEAWOLF Radioman of the Watch
SEAWOLF Exterior Communications Combined Maintenance
AN/BRR-6B Towed Communication Buoy Virtual Equipment Trainer
Submarine Message Buffer (SMB) Operation and Maintenance ICW Update (Software Revision 5.5)



Communications related SOBT Videos currently under development include:
* Submarine EHF Communications System Overview
* VLF FSK/STANAG 5030 Procedures
* Submarine Emergency Communications
* Communications Planning Video Update
* Battle Group Communications Video Update
* Submarine EHF Antenna Installation and Removal on the Submarine
* Submarine EHF Antenna Installation and Removal in the Optical Shop

Two Submarine ELF Communications related videos were placed on hold until the release of the latest changes to the ELF Operations reference publications. These revised publications are expected during the 1st quarter FY98, at which time development of the two Submarine ELF Communications videos will continue.

Commander, Space and Naval Warfare Systems Command is sponsoring the development of the Submarine Communications Support System (SCSS) training curriculum. This curriculum will be used in the schoolhouse for formal training, and will also be provided to submarines for Submarine On Board Training. SCSS was formerly named SubECS (Submarine Exterior Communication System). SCSS includes the following Computer-Based Training modules.

Submarine AN/WRR-12 (SLVR) Operation and Maintenance
Submarine Message Buffer (SMB) Operation and Maintenance (Software Revision 5.2)
Base Band Switch (BBS) Operation (Note: On hold due to operating system change (NT vice UNIX)
Time Frequency Distribution System (TFDS)
OE-538/BRR Operation and Maintenance
Submarine Antenna Distribution System (SADS)
Submarine Communications Support System (SCSS) System Level

NSSN Basic Submarine Qualifications/Watchstation Qualifications

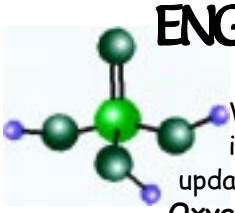
This program is just getting started, and with the introduction of the new design and computer/LAN capabilities will undoubtedly be a very interesting and informative venture. For the present, I have been named as the SOBT single point of contact for this endeavor. Any questions or inputs pertaining to the NSSN SOBT material requirements can be forwarded to me by Feedback Report, telephone or e-mail.

Your point of contact for Communications/NSSN is Mr. Terry Harding, ext. 5514,
E-mail: tharding@mail.csg2.navy.mil

EXECUTIVE

The **QA for Junior Worker video** has been updated and is in reproduction and should be distributed to the fleet in April 98. This new video uses the new Joint Fleet Maintenance Manual Volume V, Quality Maintenance has its reference. Also in the filming stage is Quality Maintenance for Supervisors, this video should be distributed by August of 98.
Your point of contact is Mr. Dan Buchanan.

ENGINEERING



We are in the initial stages of updating the **6L16 Oxygen Generator Operator Interactive Courseware CD.** These updates will add more functionality to the program, as well as the addition of electrical system operations and trouble shooting modules. We will keep the fleet updated on the status of this effort.
Your point of contact is Mr. Dan Buchanan.

Look to see the **Refrigeration Plant refresher Training video** to reach your command in the summer of 98. Filming was recently completed and the draft video is being assembled for review and comments. This 30 minute video will cover dehydrator cartridge replacement, changing the shaft mechanical seal and demonstrate leak detection methods.
Your point of contact is Mr. Dan

NOTES FROM THE GREASY KEYBOARD

I was onboard the USS Memphis last week filming parts of the new **Hydraulic Power Plant ICW,** and

the A-Gang LPO asked me why there wasn't a video or a course that taught how to rebuild periscope dashpots. My reply was in two parts and went something like this, "I wasn't aware that anyone wanted a product like that. Have you submitted a SOBT Feedback or called me with this suggestion?" His answer to both questions was no.

First of all, I'm not picking on the ALPO. He was gracious enough to give me three of his junior personnel and the run of his hydraulic plant for most of a day, and he asked a very simple question. Fortunately it has a very simple answer. However, the root of the problem lies in the fact that most of the fleet just grumbles about the potential for more training opportunities rather than giving the SOBT office a call or submitting a feedback and letting us have a chance to help.

Here's my point. It takes six months to a year for any single SOBT project to be produced and distributed to the fleet. But if you, the guy at the deckplate or writing the next training plan, just continue to complain about the training that you wish you had instead of taking a few minutes to fill out a feedback, you're just perpetuating the problem.

The process is very simple and even allows some good-looking A-Gangers to be movie stars. As a matter of fact, I got a call from PMT in Kings Bay wanting to know if they could help with the SSBN Hatch ICW production. My answer was a resounding YES! This gives the technical experts the opportunity to provide insight about problem areas they've encountered, and ensures that everyone gets the same information. And we may have the next teen heartthrob in our midst.

I'd like to formally thank the Commanding Officer of the USS Memphis for letting me film onboard his ship. I'd also like to thank MM1 Brooks, MM1 Tucker, MM3 Wellington, MM3 Riddle, MM3 Harvey and MM3 Cramer from USS Memphis and MM1 Hazen from the Auxiliary Package School for their assistance and technical knowledge during filming onboard ship and in the lab.

I will field any and all calls for products or questions. MMC (SS) Shawn W. Irish. Engineering and Auxiliary Systems Project Manager.

Strategic Weapons Systems (SWS)

Interactive Courseware (ICW) Update
Another Interactive Course (ICW) joins the SOBT library and is being issued to all Trident submarines, groups, squadrons, and training commands.

Data Recording Subsystem (DRS) ICW-W003

This course provides the knowledge and skill base required for a MT to replace the digital recorder/ reproducer tape on any of the three DRS configurations. The course is divided into three sections. Each section presents specific instructions on each of the data recording subsystems M40, M40R or the M240. The trainee may choose the DRS section applicable to the ship or one of the others for cross training. Each section will cover safety precautions associated with the selected DRS. Instructions on functional purpose, DRS components, documentation and security requirements are also covered in each section. The trainee will then be allowed, in the drill and practice topic, to directly interact with the courseware to perform DRS tape removal, installation, and DRS cleaning procedures. A knowledge and performance based exam is presented at the end of each DRS section.

Here is the latest update on some new courses currently under development:
Weapon System Causality Operation, ICW-W002
Draft Storyboard being revised

Trident II Missile Closeout Inspection, ICW-M002
Courseware ready for final review

AN/WRN-6 Global Positioning System, ICW-N005
Draft courseware being revised for final review

28-VDC Ground Fault Troubleshooting, ICW-F004
Updating the existing course

D5 Missile Receipt Inspection, ICW-M003
Design strategy submitted for approval

Data Entry Subsystem Operational Exercises, ICW-F008
Draft storyboard is being revised for final review

Trident II Missile Tube Heating and Cooling, ICW-SS003
Design strategy approved, Draft storyboards are under development

Launcher Essential Power / Launcher Control Group Power, ICW-L003
Kicked off project, design strategy under development

Trident, Navigation Watch Supervisor, ICW-N006
Kicked off project, design strategy under development

Your point of contact is Mr. Paul Knieser.

SOBT HILITES

To all SOBT Product Managers:
We have received numerous phone calls, faxes, e-mails, and SOBT Feedback Reports requesting SOBT SECRETMaterials that we have already issued to the command. Please, before placing an order for secret material, there are three steps you should take:

- Search for the Secret Material onboard.
- Ask your Secret Custodian.
- If the Secret Material has been destroyed, send a Classified Material Destruction Report (OPNAV 5511/12) with your material request.

Another issue that has come to my attention is that SOBT Product Managers are not doing a complete turn over of the SOBT Program onboard. You need to ensure that your command has a complete package of all SOBT Material onboard. You as SOBT Manager need to promote the program and yourself to all personnel onboard. For all questions regarding SOBT Products or Material Request they should contact you first. We need your help on these matters.

Your point of contact is Mr. Ralph Marquez

NAVIGATION

ESGN EVALUATION AND DATA INTERPRETATION Video (SVT-N-9890)

This video will provide information for those qualifying NAV Watch on ESGN evaluation and data interpretation. The emphasis of this video is on the functional relationship between the kalman filter, fix data, types of resets, and ESGN navigational performance improvement. Lesson learned will also be covered as well as earth effects on the inertial navigator and inertial navigator parameter interpretation. Overall it's looking pretty good. I hope to have the draft version for review by SOBT SME'S & TYCOMS by April. If all goes well I expect this video to be issued by late spring.
your point of contact is ETC (SS) Pat Thompson.

WATCHSTATION

688 HELMS/PLANES Watch ICW

I'm expecting to get the draft version of this ICW in Hand this spring. This courseware is part of SOBT's goal to provide watch station qualification. This program will follow the HELMS/PLANES qual card and provide the required information. It will also provide an interactive environment that will allow the individual to perform some HELMS/PLANES duties prior to standing a U/I. This product should be ready for release by Summer.
your point of contact is ETC (SS) Pat Thompson.

Submarine Demand Assigned Multiple Access (Dama) Operations
This video is ready for duplication and should be hitting the fleet this spring. This video is for communications personnel on advanced DAMA ops. Topics include Incl time division muxing theory. Equipment description, set up, indications, failure analysis of both voice and data circuits. This should fill a need for those who are qualifying RMOW.

FAREWELL

Well, this is my last entry in the newsletter as in a few months I will be transferring back to sea. ETC(SS) Thompson will be taking over all of the ET products. I have had a challenging tour helping develop and manage training products used during the rate conversion. I'm heading over to the PAC side onboard the SSN 763 USS Santa Fe. So anyone in the area feel free to stop by and ask if you have question about the SOBT program. ETC (SS) John Larson

Laptop Computers

Technical Support for PANASONIC Laptop Computers

NOTE: Do not open the access covers to the Panasonic laptop computers to attempt repairs. The laptops are covered under a maintenance contract with Panasonic, opening the covers will void the warranty.

The SOBTDS Repair Facility provides all technical support. The Facility may be accessed by calling the toll free technical support telephone number (800-828-6289) or (468-3719 in 757 area code) between the hours of 0800 - 1700 (Eastern Standard Time) Monday through Friday. A 24 hour-a day Electronic Bulletin Board Service (EBBS) using a toll free (800-376-2837) (800 3SOBTDS) (468-8632 in 757 area code) number has been established at the Repair Facility to assist Fleet personnel in obtaining technical support and information for the Panasonic Laptops. Fleet personnel may make Technical inquiries via either the "800" voice line or by using the EBBS. Technical support personnel knowledgeable in the SOBTDS will assist Fleet users in identifying whether repairs can be affected locally or if Repair Facility servicing is required.

If you need assistance with a broken or malfunctioning Panasonic laptop call the SOBTDS Repair Depot at (800) 828-6289 / 9567. Call the SOBT office with all other questions and comments. Your point of contact is Mr. Paul Knieser at DSN 694-2895 or commercial (860) 694-2895.

Support for laptops used on the SNAP or ADIS systems is provided by the Naval In-Service Engineering Center East Detachment Norfolk's Joint Maritime Command Information System (JMCIS). Any broken or malfunctioning laptops used on the ANAP or ADIS system should be referred to JMCIS. Call JMCIS at 1 (800) 869-6413 for repair or technical support.

Technical Support for the 3Com, EtherLink III, LAN+33.6 Modem PC Card

Assistance with a broken or malfunctioning EtherLink III PC card can be obtained directly from the 3Com Corporation. The EtherLink III PC card is covered under a lifetime warranty covering any problem you may have with the EtherLink III PC card, Twisted-pair adapter or the combination adapter.

Returning Products for repair:

NOTE: 3Com products sent to 3Com Corp. for repair must first be assigned a Return Materials Authorization (RMA) number. Products sent to 3Com Corp. without RMA numbers will be returned to the sender unopened, at the sender's expense. **Obtaining an RMA number**, in U.S.A. call (800) 876-3266 and select option #2. Return the malfunctioning adapter or PC card by registered mail to: (Note: the RMA number needs to be on the outside of the package above the send to address)

RMA # _____
3Com Corporation
5353 Betsy Ross Drive
Santa Clara, CA 95052
ATTN: Receiving Door

It takes on average two and a half weeks to receive your repaired or replaced components. Call the SOBT office with all other questions and comments. Your point of contact is Mr. Paul Knieser.

SOBT Laptop Issues

During the surveys this year we received comments saying there are not enough laptops to enable the ships to use the SOBT material. After looking into this we found most ships have more SOBT laptops than realized. The CF 61 was issued late last year and boats received 2 or 3. They are readily identifiable by the SOBT barcode located on the top of the case. SOBT issued laptops to the fleet on two previous occasions. Prior to the initial install of the SNAP 3 system, SOBT worked with NAVMASO to allow the early distribution of 2 CF 41 laptops, part of the Lan System install. These laptops are not SOBT assets but a part of the Lan system. SOBT did provide some boats with 2 CF 41's these laptops do not have a SOBT barcode. SOBT maintains a database of SOBT laptops issued to each ship and a copy of the 1149 transfer document. SOBT plans to have each ship at 6 SOBT assets by the end of this year. If you have 3 CF 61 laptops now and think your going to get 3 more you may be incorrect as your ship might already have been provided with extra laptops.
If you as a SOBT coordinator are not sure what you have give us a call or e-mail and we can provide you what we have as your load-out for SOBT Assets.

your point of contact is
MMC (SS) Shawn Irish

For all you hot running sailors who can't wait until the next modules of the SSN 688 Basic Enlisted Qualification to hit the fleet, well they have arrived. They are better and user friendly. So use them and watch your qualification process and knowledge sky rocket. Here is a list of all the modules that are included in the interactive qualification program:

1. Trim System (CBI-LQ-9721)
2. Main and Auxiliary Drain (CBI-LQ-9662)
3. Fuel Oil and Compensating System (CBI-LQ-9722) *
4. Depth Sensing System (CBI-LQ-9723)
5. Tanks, Compartments, and Ship Characteristic (CBI-LQ-9724)
6. High Pressure Air System (CBI-LQ-9663)
7. Ship Service Air (CBI-LQ-9725)
8. MBT/Low Pressure/Emergency/ Arctic Blow (CBI-LQ-9726)
9. Internal/External Salvage AirSystem (CBI-LQ-9665)
10. Ship Service Hydraulic System (CBI-LQ-9670)
11. Steering and Diving System (CBI-LQ-9667)
12. External Hydraulic System (CBI-LQ-9666)
13. Emergency Flood Control System (CBI-LQ-9664)
14. Ventilation System (CBI-LQ-9716)
15. O2 Generator, Oxygen and Nitrogen Systems (CBI-LQ-9727)
16. Scrubbers and Burners (CBI-LQ-9728)
17. Atmosphere Analyzer (CBI-LQ-9729)
18. Battery and DC Distribution (CBI-LQ-9730)
19. SSTG, SSMG, and 440 VAC (CBI-LQ-9731)
20. Lighting and 120 VAC Distribution (CBI-LQ-9713)
21. 400 Hz Distribution (CBI-LQ-9714)
22. EPM and SPM (CBI-LQ-9732)
23. BCP and SCP (CBI-LQ-9733)
24. Basic Primary Power Plant (CBI-LQ-97343)
25. Basic Secondary Power Plant (CBI-LQ-9735)
26. Main Seawater System (CBI-LQ-9669)
27. Auxiliary Seawater System (CBI-LQ-9668)
28. Engine Room Fresh Water CBI-LQ-9736)
29. Electronic Auxiliary Fresh Water (CBI-LQ-9737)
30. 1.6K GPD Distilling Plant and 10K GPD Evaporator (CBI-LQ-9738)
31. R-114 AC Plant and Chill Water System (CBI-LQ-9715)
32. Main Propulsion Train (CBI-LQ-9739)
33. Potable Water and Plumbing System (CBI-LQ-9740)
34. Diesel and Associated Systems (CBI-LQ-9722) *
35. Anchor and Capstan (CBI-LQ-9742)
36. TDU and Trash Compactor (CBI-LQ-9743)
37. Stores Refrigeration System (CBI-LQ-9744)
38. Topside and Sail (CBI-LQ-9745)
39. VLS (CBI-LQ-9746) (for applicable ships)
40. Combat Control System MK 1 or 2 (CBI-LQ-9747) (for applicable ships)
41. BSY-1 Combat System (CBI-LQ-9748) (for applicable ships)
42. BSY-1 Sonar (CBI-LQ-9749) (for applicable ships)
43. BQQ-5 Sonar (CBI-LQ-9750) (for applicable ships)
44. Weapons and Torpedo Tubes (CBI-LQ-9751)
45. 3-Inch Launchers (CBI-LQ-9752)
46. Radio, ESM, Navigation and Radar (CBI-LQ-9741)**

* Modules on the same disk.
** Installs separate icons.

So if you want those Silver Dolphins hanging from your ship, use these modules in you everyday training as well.

Your point of contact is TMC Strickland.

FEEDBACK FORUM

Thank you very much if you are among those who have taken time out of their busy day to send us constructive criticism in an effort to improve SOBT products. PLEASE keep those cards and letters coming! We want SOBT to be a fleet operated, fleet controlled program you must let us know what you want! PLEASE try and find the time to let us know! Now is the time of year when we put together our "wish list" of training products for next year. Now is the ideal time to send in your recommendations for new products. Just write down your ideas on a SOBT Feedback Form (or a napkin, scrap of paper, or whatever) and fax it to us at DSN 694-2212, COMM (860) 694-2212.

The Gold Medal representing the prestigious SOBT feedback of the quarter award for the past quarter (Jan - Mar 98) goes to USS JEFFERSON CITY (SSN 759) for submitting the largest feedback package of the quarter (16 SOBT Feedback Reports). With such beneficial comments as: Would like to see a video CD ROM on what to expect with VLS/TTL Tomahawk Launches. What is the Periscope Operator if at PD going to see? Show the Broadband WLS Operator what they would see on Sonar. What should the BQR-22 (EC-15/EC-17) Operator be looking for.

EDITOR'S NOTE: A very special word of thanks to each and everyone of the crewmembers of the Jefferson City for taking time out of their busy schedules to first, use our SOBT training products, and second, taking a few extra minutes to send us feedback on the products themselves. Believe it or not, we do read each and every SOBT Feedback Form that we receive, via either regular mail or, more recently, e-mail. We use the feedback as an invaluable tool to judge how well, or not so well, a product is doing. Without your feedback, we have no idea just how a product is doing. It is impossible for the SOBT Program to know even if a particular training product is even being utilized unless you, the final customer, let us know. Crewmembers from the Jefferson City obviously felt that numerous products were very useful, several needed to be updated, and a few should be converted from current video format to a computer-based format. This is exactly the type of information that we need here at SOBT to ensure that every training product that we have in the fleet is the best training product that can be provided. So, once again, many thanks (16 to be exact) to those crewmembers of the Jefferson City who went the "extra mile" to ensure that we all benefit from their efforts. It is now up to each and every one of you to help keep the ball rolling and help to keep the SOBT Program growing and getting even better! Are you up to the "SOBT Challenge". Your point of contact is Mr. Roy Piper.

The second place trophy goes to a very deserving **USS Minneapolis-St. Paul (SSN 708)** for the following observations:

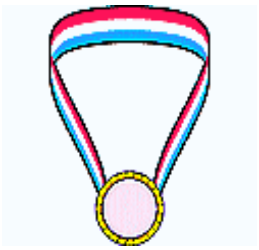
The Tactical Use of Ocean Environment video was very good in its explanation of the basics of the subject. Its exposure of the assets available to a ship was good as well as the discussion on how sound travels through water, both shallow and deep. The advanced topics and often least understood were only touched on. I used the video for running a tactical oceanography workshop onboard which ended in a blue vs orange scenario. I had to resort to NWP 3-59.1 for explanations on exploitation of fronts and eddies as well as topographical interactions. These topics were absolutely crucial during the workshop so the OOD/JOOD/ Sonar Sup teams and could take full advantage of the chart in use. The chart continued numerous front and eddy boundaries, areas of slope enhancement and topographical noise striping. A better explanation of these concepts would have done several of us well.

EDITOR'S NOTE: A hearty well done and thank you goes to LCDR Webb for his alternative use of SOBT products! It is very exciting to know that more and more of you are out there are using your program to its full potential. For more in depth Tactical Oceanography look for Submarine Advanced Tactical Use of the Ocean Environment which will be availabe later this year. Your Point of contact for Sonar products is STS1 Art Harley.

Third Place for this quarter goes to **USS LOUISVILLE (SSN 724)** for the following comments regarding the ADCAP Post Launch Trainer. LOUISVILLE said "*the SOBT Postlaunch Trainer is my best choice for on watch training for the Fire Control rate in the area of Mk 48 ADCAP run scenarios and post launch milestones. A recent visit by Mr. Lemmish of NUWC, Newport RI stated that additional money was not available to continue the improvement of the post-launch trainer especially the incorporation and distribution of new in-water torpedo runs for fleet training. I recommend that program funding be provided to continue with current in-water runs as new ADCAP versions are introduced to the fleet*"

EDITOR'S NOTE: Thank you USS LOUISVILLE for your informative and consistent comments. Your specific comments on discontinued funding for future updates and improvements to the APLT is incorrect. Your feedback comments referred to SOBT products number (CBI-W-9409). This is the number on the original APLT diskette distributed in February 1994. Since then change1, distrubuted in December 1994 (nine BLK II shallow water scenarios),and (CBI-W-9651)Compact Disk (CD), distributed in November 1996, have kept APLT up to date. I also presently hold review copies of APLT version 2.02 which updates to MK48-6 (MODS/ TPU) and CCS C4.2V2 software. Please notify any other units in your command that may have been misinformed about continued development and spport of SOBT ADCAP training materials APLT is here to stay!
your point of contact is Mr Joe Valchar.

Honorable Mention winner. This high privilege and distinct honor goes to **USS WILLIAM H. BATES (SSN 680)** for their



recommendation for a new SOBT Product. **BATES** said: *Recommend SOBT develop and distribute computer based instruction for submarine sonar training in LOFAR gram analysis Vol 1 and 2. (Formerly NWP 24-1-1 and NWP 24-1-2) completion of the LOFAR gram analysis training in NWP 1-10.22 is currently required for qualification as SSN Sonar Operator. Due to changes in the STS pipeline training junior Sonarmen arrive on board with little or no formal training in LOFAR gram interpretation and will not receive this training until their second sea tour or later. NWP 1-10.2 is an excellent tool for this training and contains both self study material and testing. The self placed CBI format would greatly enhance training assets for the Sonar LPO allowing for quality training documented performance of each Sonarman.*

EDITOR'S NOTE: Contratulations and a great big THANK Y OU goes out to STS3 Woody for his interest in bettering himself and his fellow Sonarman. It is outstanding to see that even the "junior" sailor can not only recognize a shortfall in training but, know an avenue to do something about it! Input like yours is what makes the SOBT program successful. Since the deletion of the Advanced Acoustic Fundamentals and Submarine Sonar Subjective Analysis courses, formal LOFAR Gram analysis training had been incorporated into the Sonar pipeline as the Advanced Sonar Employment and Sonar Leading Petty Officer courses. Unfortunately, these are normally not available until after your first sea tour during the C school pipeline or are returining from shore duty to take over as LPO. Onboard, the LPO now has to take even more time out of his busy schedule to make up for this short fall. Rest assured that we at SOBT know your frustration and are currently looking to help alleviate this problem. We are looking at a few different tools to provide you in the near future. Thanks again, P.O. Woody and keep up the good work! Your point of contact is STS1 Art Harley.

SOBT Products Distributed This Quarter

Trim System (CBI-LQ-9721)
Fuel Oil and Compensating System (CBI-LQ-9722)
Depth Sensing System (CBI-LQ-9723)
Tanks, Compartments, and Ship Characteristic (CBI-LQ-9724)
Ship Service Air (CBI-LQ-9725)
MBT/Low Pressure/Emergency/ Arctic Blow (CBI-LQ-9726)
O2 Generator, Oxygen and Nitrogen Systems (CBI-LQ-9727)
Scrubbers and Burners (CBI-LQ-9728)
Atmosphere Analyzer (CBI-LQ-9729)
Battery and DC Distribution (CBI-LQ-9730)
SSTG, SSMG, and 440 VAC Distribution (CBI-LQ-9731)
Lighting and 120 VAC Distribution (CBI-LQ-9713)
400 Hz Distribution (CBI-LQ-9714)
EPM and SPM (CBI-LQ-9732)
BCP and SCP (CBI-LQ-9733)
Basic Primary Power Plant (CBI-LQ-97343)
Basic Secondary Power Plant (CBI-LQ-9735)
Main Seawater System (CBI-LQ-9669)
Trim System (CBI-LQ-9721)
Main and Auxiliary Drain (CBI-LQ-9662)
Fuel Oil and Compensating System (CBI-LQ-9722)
Depth Sensing System (CBI-LQ-9723)
Tanks, Compartments, and Ship Characteristic (CBI-LQ-9724)
High Pressure Air System (CBI-LQ-9663)
Ship Service Air (CBI-LQ-9725)
MBT/Low Pressure/Emergency/ Arctic Blow (CBI-LQ-9726)
Internal/External Salvage AirSystem (CBI-LQ-9665)
Ship Service Hydraulic System (CBI-LQ-9670)
Steering and Diving System (CBI-LQ-9667)
External Hydraulic System (CBI-LQ-9666)
Emergency Flood Control System (CBI-LQ-9664)
Ventilation System (CBI-LQ-9716)
O2 Generator, Oxygen and Nitrogen Systems (CBI-LQ-9727)
Scrubbers and Burners (CBI-LQ-9728)
Atmosphere Analyzer (CBI-LQ-9729)
Battery and DC Distribution (CBI-LQ-9730)
SSTG, SSMG, and 440 VAC Distribution (CBI-LQ-9731)
EPM and SPM (CBI-LQ-9732)
BCP and SCP (CBI-LQ-9733)
Basic Primary Power Plant (CBI-LQ-97343)
Basic Secondary Power Plant (CBI-LQ-9735)
Data Recording Substyem (DRS) Ver. 1.0 (ICW-W003)
Special Warfare Operations/806191
Clinical Laboratory Procedure (CBI-MD-9615) DB #803460
SOBT CATALOG Jan 98 CD ROM

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